Descriptive Error Messages for the Security Framework

Friday, May 19, 2006

Have you ever wondered how to translate OSStatus codes like -9612 from e.g. SSLHandshake() to something user presentable using Cocoa?

Here is how! NSString* OPStringForSecErrorCode(OSStatus status) /*" Returns the error string from the SecErrorMessages.strings file found in the Security.framework bundle for the error (status) code given. "*/ { NSBundle* secBundle = [NSBundle bundleWithIdentifier: @"com.apple.security"]; // Convert status to Int32 string representation, e.g. "-25924": NSString* keyString = [NSString stringWithFormat: @"%d", status]; NSString* errorString = [secBundle localizedStringForKey: keyString value: keyString table: @"SecErrorMessages"]; return errorString; }

This code is also part of the BSD-licensed OPNetwork.framework (OPSSLSocket class).

Have fun!

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